

What is claimed is:

1. An image projection display device, comprising:

an image signal source for providing plural sorts of primary
5 color signals;

a light source comprising a plural sort of light emitting devices
respectively emitting monochromatic lights corresponding to the
primary color signals;

a first optical system for guiding the monochromatic lights
10 output from the light source;

a DMD having a plurality of two-dimensionally arrayed
micro-mirrors, provided for receiving the monochromatic lights
guided through first optical system;

a controller receiving the primary color signals from the image
15 signal source for controlling the DMD so that specific
micro-mirrors on the DMD change their own orientations by being
activated with the primary color signals sequentially supplied from
the image signal source and the light source so that the respective
monochromatic lights are sequentially emitted in synchronous with
20 the primary color signals; and

a second optical system for sequentially projecting respective
primary color image patterns presented by the specific
orientation-changed micro-mirrors on the DMD in a prescribed
direction.

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2. An image projection display device as claimed in claim 1, wherein the light source comprises one or more sets of a red-light emitting device, a green-light emitting device, and a blue-light emitting device as the plural sort of light emitting devices.

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3. An image projection display device as claimed in any one of claims 1 and 2, wherein the controller adjusts the quantities of the respective emitted monochromatic lights by controlling the operation times of the respective light emitting device.